



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

646.2910
Job Sheet 203268



Part No: 646.2910

Job Qty: 10 pcs

Part Name: Deflector



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/14/19

Job Tracking No:

Due Date: 12/12/19

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG 646.2900 REV:N/C IPP REV A 18.05.01 RQ VERIFIED BY DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Bandsaw - 1	10 pcs		12/12/19	0.00	0.02	Bandsaw - 1		
110	HAAS 4 Axis - B4B	10 pcs		12/12/19	0.15	6.67	HAAS - 1 - B4B		
							HAAS - 2 - B4B		
							HAAS - 3 - B4B		
							HAAS - 4 - B4B		
120	QC 2	10 pcs		12/12/19	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		



Container No: S243004



Part: 646.2910

Job No: 203268

Serial No/Batch: S243004

Revision: Rev N/C

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 12/22/19

					QC 2 - 63	
					QC 2 - 8	
					QC 2 - 66	
					QC 2 - 64	
					QC 2 - 65	
					QC 2 - 5	
					QC 2 - 71	
					QC 2 - 73	
					QC 2 - 69	
130	QC 8	10 pcs	12/12/19	0.00 0.00	QC 8 - 12	
					QC 8 - 14	
					QC 8 - 17	
					QC 8 - 20	
					QC 8 - 25	
					QC 8 - 3	
					QC 8 - 32	
					QC 8 - 33	
					QC 8 - 35	
					QC 8 - 39	
					QC 8 - 4	
					QC 8 - 44	
					QC 8 - 45	
					QC 8 - 49	
					QC 8 - 58	
					QC 8 - 8	
					QC 8 - 9	
					QC 8 - 68	
					QC 8 - 67	
					QC 8 - 1 (A)	
					QC 8 - 47	
					QC 8 - 40	
					QC 8 - 52	
					QC 8 - 23	
					QC 8 - 57	
					QC 8 - 76	
					QC 8 - 61	
140	Outsource - 4 - Anodize	10 pcs	12/12/19		ATG001-VC	8
150	Packaging 2-1 - Receive - B4B	10 pcs	12/12/19	0.00 0.00	Packaging 2 - 1 - B4B	
					Packaging 2 - 2 - B4B	
					Packaging 2 - 3 - B4B	
					Packaging 2 - 5 - B4B	
					Packaging 2 - 4 - B4B	
					Packaging 2 - 6 - B4B	
					Packaging 2 - 7 - B4B	
					Packaging 2 - 8 - B4B	
					Packaging 2 - 9 - B4B	
					Packaging 2 - 10 - B4B	
					Packaging 2 - 11 - B4B	
					Packaging 2 - 12 - B4B	
					Packaging 2 - 13 - B4B	
					Packaging 2 - 14 - B4B	
					Packaging 2 - 15 - B4B	
					Packaging 2 - 16 -	

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https://www.plexonline.com/B12A4B9D-52F7-4913-B9FC-41D61774CDFD/Plexus_Control/Report_View_2.asp?URL=../Part/Job_Sheet.asp&Report... 3/5

				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
190 QC 21 - SA	10 pcs	12/12/19	0.00 0.00	QC 21 - SA - 21	
				QC 21 - SA - 70	APR 02 2020
				QC 21 - SA - 53	
Part Op 100 - (Bandsaw) 42.600" long Descriptions: 110 - (HAAS CNC Vertical Machine) 120 - (QC2- Inspect parts off machine FAI/FAIB) 130 - (QC8- Inspect parts - second check) 140 - (Outsource process-Anodize per QSI017 4.1.10.1) Issue P/O to ATG : <u>45491</u> Hard Anodize, Color Black / Prime As per Dwg 646.2900 Rev. N/C 150 - (Receive & Inspect for Damage & Mat'l Certs) 155 - (QC6- All purchased or subcontracted products) 180 - (Identify as per dwg & Stock Location: _____) ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV*** 190 - (QC21- Final Inspection - Work Order Release)					DAS 21 9:00
Job BOM					
Part / Item	Component Name	Quantity	Operation	Container	
646.2900E	Deflector	36 ft (3.6 ea)	100-Bandsaw - 1	S068305	

Job Allocations					
Operation	Component Part	Required	Inventory	Allocated	
100-Bandsaw - 1	646.2900E	36	630	0	
Part Specifications					
Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Deflector	0.360inches $\pm$ 0.010	0.370 0.350	0.359	
2	Deflector	1.320inches $\pm$ 0.010	1.330 1.310	1.320	
3	Deflector	3.300inches $\pm$ 0.010	3.310 3.290	3.300	
4	Deflector	3.000inches $\pm$ 0.010	3.010 2.990	3.000	
5	Deflector	0.360inches $\pm$ 0.010	0.370 0.350	0.359	
6	Deflector	190.000inches $\pm$ 0.010 0.19	190.010 189.990	0.19	Radius
7	Deflector	0.090inches $\pm$ 0.010	0.100 0.080	0.09	Radius
8	Deflector	1.000inches $\pm$ 0.010	1.010 0.990	0.997	
9	Deflector	42.380inches $\pm$ 0.010	42.390 42.370	42.380	
10	Deflector	20.000Degrees $\pm$ 0.010	20.010 19.990	20°	Angle

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Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor		
			QC / QA Coordinator		
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

- 42.675 - 3.500 SCRAP.

3x 42.600 - 16.000

3x 42.600 - 16.000

3x 42.600 - 16.000

51.500 SCRAP.



Dart Aerospace Ltd.
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Tel (613) 632-5200

PURCHASE ORDER

POHB045491



Supplier: ATG001-VC
A.T.G. Industries Inc
760 INDUSTRIELLE STREET
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalonde, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB045491

PO Date: 1/6/20

Due Date: 1/17/20

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

RECEIVED
2020-01-13

Items

Line	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	203268	646.2910	646.2900 Rev N/C	Deflector : Various STC's (Outsource process- Anodize per QSI017 4.1.10.1) Issue P/O to ATG : Hard Anodize, Color Black / Prime As per Dwg 646.2900 Rev. N/C	Firmed	-	1/17/20	10 pcs	0 pcs	10 pcs	\$49.34/pcs	\$493.40
					X10			JAN 3 1 2020			DP	
2	204188	RBD29905-15	RBD29905 Rev G	Center Plate (Outsource process- Anodize per QSI017 4.1.10.1) -Issue P/O -ANODIZE COLOR RED, PER IAW MIL- A-8625 TYPE-2 CLASS-2, Water sealant	Firmed	-	1/17/20	23 pcs	0 pcs	23 pcs	\$5.63/pcs	\$129.49
					X23			JAN 14 2020				

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PURCHASE ORDER POHB045491



Items												
Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	203825	646.3313	646.3300 Rev A	Upper Guide : Various STC's Issue P/O to ATG : Hard Anodize Color Black and Prime as per DWG 646.3300	Firmed X18	-	1/17/20	18 pcs	0 pcs	18 pcs	\$14.44/pcs	\$259.92
											JAN 15 2020	
4	204055	D4980-1	D4980 REV.C	Doubler : Various STC's Issue P/O to ATG : AS PER DWG D4980 1- HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK, 2- PRIME IAW MIL-P-2337J TYPE I CLASS N; 1-2 MIL MAX, AS PER QSI 005 Certification of Conformity is required	Firmed X10	-	1/17/20	10 pcs	0 pcs	10 pcs	\$7.59/pcs	\$75.90
											JAN 15 2020	
5	200290	RBE350A93-3302-02-5	RBE350A33-3302-02 Rev M	Extension Handle (Outsource process- Anodize per QSI017 4.1.10.1) -Issue P/O; -ANODIZE COLOR RED, PER IAW MIL- A-8625 TYPE-2 CLASS-2, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Firmed X12	-	1/17/20	12 pcs	0 pcs	12 pcs	\$5.63/pcs	\$67.56
											JAN 14 2020	

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Tel (613) 632-5200

PURCHASE ORDER POHB045491



Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
6	203838	647.3912	647.3900 Rev C2	Breakaway Tip Wirestrike for Wire Strike : Various STC's Issue P/O to ATG : 1- Black Anodize as per Dwg 647.3900 2- PRIME AS PER DWG, SEE NOTE #9 Certification of Conformity is required	Firmed X12	-	1/17/20	12 pcs	0 pcs	12 pcs	\$12.79/pcs	\$153.48
							JAN 15 2020					
7	203839	647.5710	647.5700 Rev N/C	GPS Mount : Various STC's Hard Anodize Black IAW MIL-A-8625 Type III Class 2 Cardinal 4860-50 pre-treatment primer; Prime IAW MIL-P-23377 J Type I Class N; 1-2 mil MAX Outsource process- Anodize per QSI017 4.1.10.1	Firmed X8	-	1/17/20	8 pcs	0 pcs	8 pcs	\$11.39/pcs	\$91.12
							JAN 15 2020					
Grand Total:												\$1,270.87

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

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A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 919477

Date: 28-Jan-20

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Kimberley Guerin
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
10 ea	Part: 646.2910 ✓ Deflector Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 ✓ 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), ✓ .0006-.0009" (.6 - .9 mils) per drawing. Batch/Lot#: 128522 Job: 26713 PO: POHB045491	Rev: N/C Expiry Date: 05/29/2021 Line: 1	DAS 82 9-89
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>IAN 28 2020</u> Certified Signature: <u>[Signature]</u> Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.			

RECEIVED
JAN 30 2020
DART AEROSPACE LTD.

Made in Canada.